

ANEESH DUA

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EXECUTIVE SUMMARY

I am a 4th year B.Tech , Computer Science and Engineering student. I have worked with multiple programming languages including C++, Java and Python. I am looking forward to apply my skills in Software Development and Cloud Technologies.

LANGUAGE PROFICIENCIES

- PYTHON
- JAVA
- C/C++
- FULL STACK WEB DEVELOPMENT
- KOTLIN (ANDROID)
- SQL
- EMBEDDED SYSTEM PROGRAMMING

PROJECTS

COCOA

Developed a COVID Containment Alert Android Application that informs user of nearby containment zones based on his/her location. It was developed using Kotlin language for Google's 30 days of Kotlin event.

TRIVIA QUIZ Web Application

Developed a Trivia and Quiz Web Application using Node.js and Flask. I learnt developing REST APIs through this project.

Web Based IDE

Developed an online code IDE for multiple programming languages including C, C++, Python, Java, Perl, Go, Ruby, Rust. The back-end of the server client system was implemented using mainly PHP and other web development tools.

License Plate Recognition System

Developed a vehicle license plate recognition software using Image processing methods. OpenCV and Python were used for the same.

TECHNICAL EXPERTISE

- Web Application Development
- Android Application Development
- Network and Application Security Testing
- Arduino and Raspberry Pi programming
- AWS Server Operations

CERTIFICATIONS

- AWS Fundamentals Specialisation
- Palo Alto Networks Academy Cybersecurity Specialisation

EXPERIENCE

SUMMER RESEARCH FELLOW, SUMMER 2019

Institute for Development and Research in Banking Technology In Affiliation with Indian Academy of Sciences

- Developed a Secure router for protection of IoT networks from cyber threats
- Tested the router against multiple network based attacks

ACADEMIC EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, 2017-2021

Bachelor in Computer Science and Engineering

CGPA: 8.97

ST. FRANCIS DE SALES SCHOOL

Batch Valedictorian, Class of 2017

- Scored 93.4 % in class 12 (CBSE)
- Scored 10.0 CGPA in class 10 (CBSE)
- Assistant Prefect, Student Council, 2014-2015

PUBLICATIONS

IISR: A SECURE IOT ROUTER

Published research paper to IEEE ISCON conference, 2019

POSITIONS OF RESPONSIBILITY

- Technical Team Member of OWASP Student Chapter, 2018-2019
- Cyber and Data analyst for V-PROPEL online coding platform, 2018-Present
- Coordinator of Workshop and International Certification Programme on Cyber-security in association with STAR Certification, 2018

HOBBIES

- CTF Contests
- Studying various technological systems